

37697-0102

U.S. APPLICATION NO. (if known, see 37 CFR 1.5)

10/518593  
To be assigned

**TRANSMITTAL LETTER TO THE UNITED STATES  
DESIGNATED/ELECTED OFFICE (DO/EO/US)  
CONCERNING A FILING UNDER 35 U.S.C. 371**

INTERNATIONAL APPLICATION NO.  
**PCT/US03/018053**INTERNATIONAL FILING DATE  
**June 10, 2003**PRIORITY DATE CLAIMED  
**June 21, 2002**

## TITLE OF INVENTION

**METAL BACK OR MESH CROSSLINKING**

## APPLICANT(S) FOR DO/EO/US

**Orhun K. MURATOGLU; William H. HARRIS**

Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:

1.  This is a **FIRST** submission of items concerning a filing under 35 U.S.C. 371.
2.  This is a **SECOND** or **SUBSEQUENT** submission of items concerning a filing under 35 U.S.C. 371.
3.  This express request to begin national examination procedures (35 U.S.C. 371(f). The submission must include items (5), (6), (9) and (21) indicated below.
4.  The US has been elected by the expiration of 19 months from the priority date (Article 31).
5.  A copy of the International Application as filed (35 U.S.C. 371(c)(2))
  - a.  is transmitted herewith (required only if not transmitted by the International Bureau).
  - b.  has been transmitted by the International Bureau.
  - c.  is not required, as the application was filed in the United States Receiving Office (RO/US).
6.  A translation of the International Application into English (35 U.S.C. 371(c)(2)).
  - a.  is attached hereto.
  - b.  has been previously submitted under 35 U.S.C. 154(d)(4).
7.  Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3))
  - a.  are attached hereto (required only if not transmitted by the International Bureau).
  - b.  had been communicated by the International Bureau.
  - c.  have not been made; however, the time limit for making such amendments has NOT expired.
  - d.  have not been made and will not be made.
8.  An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).
9.  An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).
10.  An English language translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).

## Items 11 to 20. below concern document(s) or information included:

11.  An Information Disclosure Statement under 37 CFR 1.97 and 1.98.
12.  An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included
13.  A **FIRST** preliminary amendment.
14.  A **SECOND** or **SUBSEQUENT** preliminary amendment.
15.  A substitute specification.
16.  A change of power of attorney and/or address letter.
17.  A computer-readable form of the sequence listing in accordance with PCT Rule 132 and 35 U.S.C.
18.  A second copy of the published international application under 35 U.S.C. 154(d)(4)
19.  A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4).
20.  Other items or information: **Application Data Sheet/International Search Report (Form PCT/ISA/210)**

U.S. APPLICATION NO. (IF KNOWN, SEE 37 CFR 1.7) <b>10/518593</b> To be assigned	INTERNATIONAL APPLICATION NO. <b>PCT/US03/018053</b>	ATTORNEY'S DOCKET NUMBER <b>37945-0102</b>			
21. <input checked="" type="checkbox"/> The following fees are submitted:		CALCULATIONS PTO USE ONLY			
<b>BASIC NATIONAL FEE (37 CFR 1.492 (a) (1)-(5)):</b>					
Basic National Stage Fee ..... \$300.00					
National Stage Search Fee ..... \$500.00					
National Stage Examination Fee ..... \$200.00					
<b>ENTER APPROPRIATE BASIC FEE AMOUNT =</b>		<b>\$1,000.00</b>			
Surcharge of \$130.00 for furnishing the oath or declaration later than months from the earliest claimed priority date (37 CFR 1.492(e)).		<input type="checkbox"/> 20 <input type="checkbox"/> 30			
<b>CLAIMS</b>		<b>NUMBER FILED</b>	<b>NUMBER EXTRA</b>	<b>RATE</b>	
Total claims		25 - 20 =	5	x \$50.00	<b>\$250.00</b>
Independent claims		5 - 3 =	2	x \$200.00	<b>\$400.00</b>
MULTIPLE DEPENDENT CLAIM(S) (if applicable)				+ \$360.00	
<b>TOTAL OF ABOVE CALCULATIONS =</b>				<b>\$1,650.00</b>	
<input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. The fees indicated above are reduced by ½.					
<b>SUBTOTAL =</b>				<b>\$1,650.00</b>	
Processing fee of \$130.00 for furnishing the English translation later than months from the earliest claimed priority date (37 CFR 1.492(f)).		<input type="checkbox"/> 20 <input type="checkbox"/> 30			
<b>TOTAL NATIONAL FEE =</b>				<b>\$1,650.00</b>	
Fee for recording the enclose assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property		+			
<b>TOTAL FEES ENCLOSED =</b>				<b>\$1,650.00</b>	
				<b>Amount to be refunded:</b>	<b>\$</b>
				<b>charged:</b>	<b>\$</b>
<p>a. <input checked="" type="checkbox"/> A check in the amount of <u>\$1,650.00</u> to cover the above fees is enclosed.</p> <p>b. <input type="checkbox"/> Please charge my Deposit Account No. _____ in the amount of _____ to cover the above fees.</p> <p style="margin-left: 20px;">A duplicate copy of this sheet is enclosed.</p> <p>c. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge any fees which may be required, or credit any overpayment To Deposit Account No. <u>08-1641</u> A duplicate coy of this sheet is enclosed.</p>					
<p><b>NOTE: Where an appropriate time limit under 37 CFR 1.494 or 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the application to pending status.</b></p> <p>SEND ALL CORRESPONDENCE TO:</p> <p style="margin-left: 20px;"><b>HELLER EHRLMAN WHITE &amp; MCAULIFFE</b> 1666 K Street, N.W., Suite 300 Washington, DC 20006 Phone: (202) 912-2000 Fax: (202) 912-2020 Customer No. 26633</p>					
 <b>SIGNATURE</b> <hr/> <p>NAME <u>John P. Isaacson</u> Date <u>December 21, 2004</u></p> <p>REGISTRATION NUMBER <u>33,715</u></p>					

10/518593

T12 Rec'd PCT/PCT 21 DEC 2004

PTO/SB/17 (12-04)

Approved for use through 07/31/2006, OMB 0651-0032

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

Effective on 12/08/2004.

Fees pursuant to the Consolidated Appropriations Act, 2005 (H.R. 4818).

# FEE TRANSMITTAL

For FY 2005

 Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT (\$ 1,650.00)

## Complete if Known

Application Number	To be assigned
Filing Date	December 21, 2004
First Named Inventor	Orhun K. MURATOGLU et al.
Examiner Name	To be assigned
Art Unit	To be assigned
Attorney Docket No.	37697-0102

## METHOD OF PAYMENT (check all that apply)

Check  Credit Card  Money Order  None  Other (please identify): \_\_\_\_\_

Deposit Account Deposit Account Number: 08-1641 Deposit Account Name: Heller Ehrman White & McAuliffe LLP

For the above-identified deposit account, the Director is hereby authorized to: (check all that apply)

Charge fee(s) indicated below  Charge fee(s) indicated below, except for the filing fee

Charge any additional fee(s) or underpayments of fee(s)  Credit any overpayments

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

## FEE CALCULATION

## 1. BASIC FILING, SEARCH, AND EXAMINATION FEES

Application Type	FILING FEES		SEARCH FEES		EXAMINATION FEES		
	Fee (\$)	Small Entity	Fee (\$)	Small Entity	Fee (\$)	Small Entity	Fees Paid (\$)
Utility	300	150	500	250	200	100	\$1,000.00
Design	200	100	100	50	130	65	
Plant	200	100	300	150	160	80	
Reissue	300	150	500	250	600	300	
Provisional	200	100	0	0	0	0	

## 2. EXCESS CLAIM FEES

## Fee Description

Each claim over 20 or, for Reissues, each claim over 20 and more than in the original patent

Small Entity	
Fee (\$)	Fee (\$)
50	25

Each independent claim over 3 or, for Reissues, each independent claim more than in the original patent

200 100

Multiple dependent claims

360 180

## Total Claims

Extra Claims	Fee (\$)	Fee Paid (\$)
25 - 20 or HP = 5	x 50.00	= \$250.00

## Multiple Dependent Claims

Fee (\$)	Fee Paid (\$)

HP = highest number of total claims paid for, if greater than 20

Indep. Claims	Extra Claims	Fee (\$)	Fee Paid (\$)
5 - 3 or HP = 2	x 200.00	= \$400.00	

HP = highest number of independent claims paid for, if greater than 3

## 3. APPLICATION SIZE FEE

If the specification and drawings exceed 100 sheets of paper, the application size fee due is \$250 (\$125 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s).

Total Sheets	Extra Sheets	Number of each additional 50 or fraction thereof	Fee (\$)	Fee Paid (\$)
54 - 100 = 0	/ 50 =	(round up to a whole number)	x	=

## 4. OTHER FEE(S)

Non-English Specification, \$130 fee (no small entity discount)

Other:

## SUBMITTED BY

Signature		Registration No. (Attorney/Agent)	Telephone (202) 912-2000
Name (Print/Type)	John P. Isaacson	Customer No. 26633	Date December 21, 2004